



## 12x Speed SCSI-2 CD-ROM Drive

### SPECIFICATIONS:

#### Features

- 12x Speed 1.8M Byte/s data transfer rate
- SCSI-2 interface
- Compatible with DOS, Windows 95/3.x/NT, OS/2, Novell
- 256KB cache buffer
- MPC 3 level compliance
- ISO-9660 compliant
- Power-saving capability
- Motorized easy touch loading with unique design allowing Vertical or Horizontal orientation
- Front panel function key for CD-Audio playing
- Build-in headphone connector and CD audio volume control
- Photo CD single and multi-session
- CD-ROM XA ready
- CD-Interactive, CD-Movie and CD Plus supports

#### Performance

- Disk diameter 12cm, 8cm
- Disc capacity 660M Bytes  
(mode 1, 12cm disc)
- Disc transfer rate
  - ▷ Sustained 1.8M Bytes/s (average)
  - ▷ Burst 5MB/sec (asynchronous)  
10MB/sec (synchronous)
- 1/3 stroke (12x speed)
  - ▷ Access time 150ms
  - ▷ Random 180ms

**Buffer size** 128K Bytes

#### Error rate

- Soft read error <10 exp<sup>-9</sup>
- Hard read error <10 exp<sup>-12</sup>

#### Audio performance

- Number of channel 2
- Frequency response 20Hz- 20KHz
- S/N ratio 80dB
- Distortion <0.2% (1KHz)
- Output level
  - ▷ Line out 0.6Vrms (1KHz)
  - ▷ Head phone 0.6Vrms  
(32 ohms headphone connected)

#### General Specifications

- Power requirement
  - ▷ Disc capacity DC + 5V ± 5% DC + 12V ± 10%
  - ▷ Current 0.35A (max.) 1.7A (max.)
- Dimension : 146mm (W) x 41.3mm (H) x 203mm (D)
- Weight : 1000 g

#### Environment Condition

- MTBF : 100,000 POH
- |           | Operation       | Non-operation     |
|-----------|-----------------|-------------------|
| Temp      | 5°C to +45°C    | -20°C to +60°C    |
| Humidity  | 20% to 85%      | 8% to 90%         |
| Shock     | 2G              | 30G               |
| Vibration | 0.2G (5 - 50Hz) | 1.25G (10 - 50Hz) |

#### System Integration

- Storage Controller
  - ▷ DC-390 PCI Fast SCSI
  - ▷ DC-390F PCI Ultra Wide SCSI
  - ▷ DC-390U PCI Ultra SCSI
- Motherboard
  - ▷ P5H30WS Pentium 430HX Baby AT motherboard
  - ▷ P5T30WS Pentium 430TX ATX motherboard
  - ▷ P6F40WS PentiumPro 430FX ATX motherboard

#### Availability

- Production : Now